

INTERNATIONAL SEARCH REPORT

 International Application No.
 T/IB2005/050433

 A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 G06T7/00 G06T3/00 G06F19/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

 Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 G06T G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	HUI ZHAO ET AL: "Directional edge registration for temporal chest image subtraction" APPLIED IMAGERY PATTERN RECOGNITION WORKSHOP, AIPR 2001 30TH WASHINGTON, DC, USA 10-12 OCT. 2001, LOS ALAMITOS, CA, USA, IEEE COMPUT. SOC, US, 10 October 2001 (2001-10-10), pages 32-36, XP010584339	1,3,5,6,8,9
Y	ISBN: 0-7695-1245-3 abstract sections "I. Introduction", "D. Registration", "Global Registration" ----- -/--	4,7

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
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- *C* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *S* document member of the same patent family

Date of the actual completion of the international search

Date of mailing of the international search report

14 April 2005

27/04/2005

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PCT/IB2005/050433

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim: No.
X	WO 03/024184 A (CORNELL RESEARCH FOUNDATION, INC; REEVES, ANTHONY, P; YANKELEVITZ, DAV) 27 March 2003 (2003-03-27) abstract page 1, lines 5-10 page 4, lines 10-20 page 5, line 24 - page 7, line 4	1,3,5,6, 8,9
X	US 2003/146913 A1 (SHEN HONG ET AL) 7 August 2003 (2003-08-07) cited in the application abstract paragraphs '0001! - '0004!, '0026! - '0028! figure 2	1,5,6,8, 9
Y	MAINTZ J B A ET AL: "A SURVEY OF MEDICAL IMAGE REGISTRATION" MEDICAL IMAGE ANALYSIS, OXFORDUNIVERSITY PRESS, OXFORD, GB, vol. 2, no. 1, 1998, pages 1-37, XP001032679 ISSN: 1361-8423 sections "5.1 Nature of the transformation", "10.2.1. Registration of global thoracic images"	4
Y	BLAFFERT T ED - INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS: "Recognition of anatomically relevant objects with binary partition trees" PROCEEDINGS 2001 INTERNATIONAL CONFERENCE ON IMAGE PROCESSING, ICIP 2001, THESSALONIKI, GREECE, OCT. 7 - 10, 2001, INTERNATIONAL CONFERENCE ON IMAGE PROCESSING, NEW YORK, NY : IEEE, US, vol. VOL. 1 OF 3. CONF. 8, 7 October 2001 (2001-10-07), pages 34-37, XP010563276 ISBN: 0-7803-6725-1 abstract sections "1. Introduction", "2. Watershed Method With Graph Merging"	7
X	US 2003/072479 A1 (SOFIA TOTTERMAN SAARA MARJATTA ET AL) 17 April 2003 (2003-04-17) paragraphs '0068!, '0069!	2,10

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No.

WIPO/IB2005/050433

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 03024184	A	27-03-2003	WO 03024184 A2	27-03-2003
			US 2003095696 A1	22-05-2003
US 2003146913	A1	07-08-2003	DE 10392259 T5	10-03-2005
			WO 03067521 A2	14-08-2003
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			EP 1449151 A1	25-08-2004
			WO 03025837 A1	27-03-2003